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(FILE 'HOME' ENTERED AT 07:42:54 ON 24 FEB 2003)

FILE 'CAPLUS' ENTERED AT 07:44:04 ON 24 FEB 2003
L1 5 S METHOD (3A) CHARACTER? (5A) ANALYTE

FILE 'USPATFULL' ENTERED AT 07:47:16 ON 24 FEB 2003
L2 25 S L1
L3 7 S L1/CLM

=> d bib ncl kwic 1-7

L3 ANSWER 1 OF 7 USPATFULL
AN 2002:3877 USPATFULL
TI Assay device with timer function
IN Mendel-Hartvig, Ib, Uppsala, SWEDEN
Unger, Erik, Uppsala, SWEDEN
PI US 2002001852 A1 20020103
AI US 2001-848417 A1 20010504 (9)
PRAI SE 2000-1667 20000505
US 2000-206780P 20000524 (60)
DT Utility
FS APPLICATION
LREP BIRCH STEWART KOLASCH & BIRCH, PO BOX 747, FALLS CHURCH, VA, 22040-0747
CLMN Number of Claims: 10
ECL Exemplary Claim: 1
DRWN 1 Drawing Page(s)
LN.CNT 599
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
NCL NCLM: 436/514.000
CLM What is claimed is:
10. A method of performing an assay for determining an **analyte** in a sample, **characterized** in that the **method** comprises the steps of: (i) providing an assay device as defined in any one of claims 1 to 7, wherein. . .

L3 ANSWER 2 OF 7 USPATFULL
AN 2001:154154 USPATFULL
TI Surface regeneration of biosensors and characterization of biomolecules associated therewith
IN Andersson, Karl, Uppsala, Sweden
Hamalainen, Markku, Uppsala, Sweden
Malmqvist, Magnus, Uppsala, Sweden
Roos, H.ang.kan E., Uppsala, Sweden
PA Biacore AB, Uppsala, Sweden (non-U.S. corporation)
PI US 6289286 B1 20010911
AI US 1998-87402 19980529 (9)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Assouad, Patrick; Assistant Examiner: Bui, Bryan
LREP Seed Intellectual Property Law Group PLLC
CLMN Number of Claims: 48
ECL Exemplary Claim: 1
DRWN 13 Drawing Figure(s); 13 Drawing Page(s)
LN.CNT 2014
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
NCL NCLM: 702/019.000
NCLS: 210/618.000; 210/635.000; 435/007.100; 436/501.000; 436/538.000
CLM What is claimed is:
38. A **method** for **characterizing** a ligand or **analyte** associated with a biosensor surface, comprising the

steps of: (a) sequentially contacting the biosensor surface having a surface-bound ligand with. . .

L3 ANSWER 3 OF 7 USPATFULL
AN 2000:61381 USPATFULL
TI Circulation thin layer liquid phase assay
IN Ishikawa, Eiji, 24-1, Ohtsukadainishi 3-chome, Miyazaki-shi, Miyazaki 880-2105, Japan
Ishikawa, Setsuko, Miyazaki, Japan
PA Sumitomo Pharmaceuticals Company Limited, Osaka, Japan (non-U.S. corporation)
Ishikawa, Eiji, Miyazaki, Japan (non-U.S. individual)
PI US 6063564 20000516
AI US 1998-124767 19980730 (9)
PRAI JP 1997-220956 19970731
DT Utility
FS Granted
EXNAM Primary Examiner: Stucker, Jeffrey
LREP Sughrue, Mion, Zinn, Macpeak & Seas, PLLC
CLMN Number of Claims: 7
ECL Exemplary Claim: 1
DRWN 6 Drawing Figure(s); 6 Drawing Page(s)
LN.CNT 1169
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
NCL NCLM: 435/005.000
CLM What is claimed is:
. . . reaction liquid, on the surface of an insoluble carrier, by the action of a substance that specifically binds to the **analyte**, the assay **method characterized** by the following (A), (B) and (C): (A) a part of the surface of the carrier being immersed in a. . .

L3 ANSWER 4 OF 7 USPATFULL
AN 1999:72876 USPATFULL
TI Laser vaporization/ionization interface for coupling microscale separation techniques with mass spectrometry
IN Yeung, Edward S., Ames, IA, United States
Chang, Yu-chen, Taichung Hsien, Taiwan, Province of China
PA Iowa State University Research Foundation, Inc., Ames, IA, United States (U.S. corporation)
PI US 5917185 19990629
AI US 1997-882855 19970626 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Berman, Jack I.
LREP Mueting, Raasch & Gebhardt, P.A.
CLMN Number of Claims: 76
ECL Exemplary Claim: 1
DRWN 8 Drawing Figure(s); 8 Drawing Page(s)
LN.CNT 1118
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
NCL NCLM: 250/288.000
NCLS: 250/423.000P
CLM What is claimed is:
28. A **method** for structural **characterization** of an **analyte** comprising: (a) introducing a liquid comprising an analyte and a light-absorbing water-soluble solute at a concentration of less than 1.0. . .
38. A **method** for structural **characterization** of a separated **analyte** comprising: (a) introducing a sample comprising at least one analyte into a separation capillary containing a liquid buffer or solvent,. . .

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50. A **method** for structural **characterization** of a separated **analyte** comprising: (a) introducing a sample comprising at least one analyte into the inlet end of a capillary; (b) separating the. . .
69. A **method** for structural **characterization** of an **analyte** comprising: (a) introducing a liquid comprising an analyte and a light-absorbing water-soluble solute into the evacuated internal chamber of a. . .
73. A **method** for structural **characterization** of a separated **analyte** comprising: (a) introducing a sample comprising at least one analyte into a separation capillary containing a liquid buffer or solvent,. . .

L3 ANSWER 5 OF 7 USPATFULL
AN 95:36092 USPATFULL
TI Method to identify analyte-binding ligands
IN Kauvar, Lawrence M., San Francisco, CA, United States
PA Terrapin Technoogies, Inc., South San Francisco, CA, United States (U.S. corporation)
PI US 5409611 19950425
AI US 1993-116059 19930902 (8)
RLI Continuation of Ser. No. US 1993-49642, filed on 9 Apr 1993, now patented, Pat. No. US 5340474 which is a continuation-in-part of Ser. No. US 1989-429721, filed on 31 Oct 1989, now patented, Pat. No. US 5133866 which is a continuation-in-part of Ser. No. US 1989-355042, filed on 16 May 1989, now patented, Pat. No. US 4963263 which is a continuation of Ser. No. US 1988-172626, filed on 24 Mar 1988, now abandoned And a continuation-in-part of Ser. No. US 1988-255906, filed on 11 Oct 1988, now patented, Pat. No. US 5217869
DT Utility
FS Granted
EXNAM Primary Examiner: Therkorn, Ernest G.
LREP Morrison & Foerster
CLMN Number of Claims: 8
ECL Exemplary Claim: 5
DRWN 32 Drawing Figure(s); 23 Drawing Page(s)
LN.CNT 1702
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
NCL NCLM: 210/635.000
NCLS: 210/656.000; 436/161.000; 436/518.000; 530/413.000
CLM What is claimed is:
1. A **method** to **characterize** a single **analyte**, which method comprises: contacting said analyte with each of a panel of diverse paralogs which react in a multiplicity of. . .

L3 ANSWER 6 OF 7 USPATFULL
AN 93:46316 USPATFULL
TI Method to produce immunodiagnostic reagents
IN Kauvar, Lawrence M., San Francisco, CA, United States
PA Terrapin Technologies, Inc., San Francisco, CA, United States (U.S. corporation)
PI US 5217869 19930608
AI US 1988-255906 19881011 (7)
RLI Continuation-in-part of Ser. No. US 1987-108130, filed on 13 Oct 1987
DT Utility
FS Granted
EXNAM Primary Examiner: Saunders, David
LREP Morrison & Foerster
CLMN Number of Claims: 19
ECL Exemplary Claim: 1
DRWN 12 Drawing Figure(s); 11 Drawing Page(s)
LN.CNT 1664

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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
NCL NCLM: 435/007.900
NCLS: 435/007.930; 435/975.000; 436/518.000; 436/548.000; 436/809.000; 530/387.900; 530/388.100; 530/808.000; 530/809.000
CLM What is claimed is:
14. A **method** of **characterizing** a particular **analyte**, comprising: (a) successively reacting each member of a panel of diverse antibodies with separate labeled mimotopes that are individual members. . .
19. A **method** of **characterizing** a particular **analyte**, comprising: competitively reacting unlabeled analyte which is to be characterized and a mixture containing a diverse set of labeled mimotopes,. . .

L3 ANSWER 7 OF 7 USPATFULL
AN 88:22783 USPATFULL
TI Solid-state optical assay imaging apparatus
IN McConnell, Harden M., Stanford, CA, United States
Briggs, Jonathan, Palo Alto, CA, United States
Parce, John W., Winston-Salem, NC, United States
PA Molecular Devices Corporation, Palo Alto, CA, United States (U.S. corporation)
PI US 4737464 19880412
AI US 1985-780485 19850926 (6)
DT Utility
FS Granted
EXNAM Primary Examiner: Marcus, Michael S.
LREP Rowland, Bertram I., Caserza, Steven F.
CLMN Number of Claims: 13
ECL Exemplary Claim: 12
DRWN 7 Drawing Figure(s); 4 Drawing Page(s)
LN.CNT 718
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
NCL NCLM: 436/043.000
NCLS: 352/213.000; 422/067.000; 422/073.000; 422/082.050; 422/082.080; 422/082.090; 436/164.000; 436/805.000; 436/807.000
CLM What is claimed is:
12. A **method** for determining a **characteristic** of an **analyte** in a sample, said method comprising the steps of: irradiating an assay site and a standard reference site with light. .
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